

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
APV31638

SERIAL NO.
To be assigned

APPLICANT
Jacques Hubert Olga Joseph WIJENBERG et al.

FILING DATE
July 18, 2003

GROUP

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
|------------------|--|-----------------|---|---|---|---|---|---|-------|-------------------|-------|----------|-------------------------------|--|
| | | 2 | 8 | 2 | 1 | 5 | 0 | 5 | | | | | | |
| JS | | 2 | 8 | 2 | 1 | 5 | 0 | 5 | 01/58 | Beach | | | | |
| | | 6 | 3 | 7 | 9 | 8 | 1 | 8 | 04/02 | Mooij et al. | | | | |
| | | 6 | 3 | 9 | 1 | 4 | 7 | 6 | 05/02 | Wittebrood et al | | | | |
| | | 6 | 3 | 8 | 3 | 6 | 6 | 1 | 05/02 | Wittebrood et al. | | | | |
| | | 6 | 5 | 0 | 3 | 6 | 4 | 0 | 01/03 | Wittebrood et al. | | | | |
| | | 6 | 5 | 6 | 8 | 5 | 8 | 4 | 05/03 | Wittebrood et al. | | | | |
| JS | | 5 | 9 | 6 | 1 | 8 | 5 | 3 | 10/99 | Thornton | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | | |
|----|---|-----------------|----|---|---|---|---|---|-------|---------|-------|----------|-------------|--|--|
| | | YES | NO | | | | | | | | | | | | |
| JS | 0 | 2 | 0 | 6 | 0 | 6 | 3 | 9 | 08/02 | WO | | | | | |
| | | 0 | 2 | 3 | 8 | 3 | 2 | 6 | 05/02 | WO | | | | | |
| | | 0 | 1 | 6 | 8 | 3 | 1 | 2 | 09/01 | WO | | | | | |
| | | 0 | 0 | 7 | 1 | 7 | 8 | 4 | 11/00 | WO | | | | | |
| JS | | 0 | 1 | 8 | 8 | 2 | 2 | 6 | 11/01 | WO | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| JS | US Pat. App. Pub. No. US 2002/0175205 (Serial No. 10/060,117), filed Jan. 31, 2002, Wittebrood et al. |
| | US Pat. App. Pub. No. US 2003/0098338 (Serial No. 09/990,507), filed Nov. 21, 2001, Dockus et al. |
| | US Pat. App. Pub. No. US 2002/0088717 (Serial No. 09/984,968), filed Oct. 31, 2001, Wittebrood et al. |
| | US Pat. App. Pub. No. US 2003/0064242 (Serial No. 10/230,429), filed Aug. 29, 2002, Wittebrood et al. |
| | US Pat. App. Pub. No. US 2003/0091856 (Serial No. 10/042,752), filed Dec. 20, 2002, Wittebrood et al. |
| | US Pat. App. Pub. No. US 2003/0042146 (Serial No. 10/125,583), filed Apr. 19, 2002, Wijenberg et al. |
| JS | ASTM G-85 (1990) |

EXAMINER /Jason Savage/ DATE CONSIDERED 10/01/2006

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|---|---|-------------------------------------|
| <p>FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | ATTY. DOCKET NO. APV31638 | SERIAL NO. To be assigned |
| | <p>APPLICANT Jacques Hubert Olga Joseph WIJENBERG et al.</p> | |
| | FILING DATE July 18, 2003 | GROUP |

U.S. PATENT DOCUMENTS

EXAMINER: Jacob Savage DATE CONSIDERED 10/02/2000

| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|------------------------------|
| FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office | | | | | | | | ATTY. DOCKET NO. APV31638 | SERIAL NO. To be assigned |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | | | | | | APPLICANT Jacques Hubert Olga Joseph WIJENBERG et al. | |
| | | | | | | | | FILING DATE July 18, 2003 | GROUP |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--|-----------------|---|---|---|---|---|------|-------|--------------|----------|-------------------------------|
| JS | | 6 | 0 | 6 | 0 | 1 | 7 | 4 | 05/00 | Sabol et al. | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|--|-----------------|----|---|---|---|---|---|-------|---------|-------|----------|-------------|------------------|
| | | YES | NO | | | | | | | | | | | |
| JS | | 0 | 0 | 7 | 1 | 7 | 8 | 1 | 11/00 | WO | | | | X |
| | | 0 | 2 | 2 | 7 | 2 | 6 | 1 | 07/87 | EP | | | | X |
| | | 1 | 1 | 7 | 6 | 6 | 8 | 8 | 01/70 | GB | | | | X |
| | | 2 | 3 | 5 | 4 | 1 | 7 | 1 | 01/78 | FR | | | | X |
| ↓ | | 2 | 6 | 1 | 7 | 8 | 6 | 8 | 01/89 | FR | | | | Abstract Only |
| JS | | 3 | 8 | 2 | 1 | 0 | 7 | 3 | 01/89 | DE | | | | Abstract Only |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|--|
| JS | Bureau of Mines Technology, "Aluminium Soft-Soldering", 2301 N.T.I.S. Tech Notes (manufacturing), XP-002119816, 1985, January No. 1G, Springfield, VA, pgs. 12-13 |
| | Wernick and Pinner, "The Surface Treatment and Finishing of Aluminium and its Alloys", 5 th edition, Volume 1, pp. 181-182 and pp. 191-203 (1988) |
| | Wernick and Pinner, "The Surface Treatment and Finishing of Aluminium and its Alloys", 5 th edition, Volume 2, pp. 1006-1022 and pp. 1023-1071 (Ch. 14-15)(Nov. 1988) |
| | SAE Paper No. 880446 by B.E. Cheadle and K.F. Dockus, "Inert Atmosphere Fluxless Braze of Aluminum Heat Exchangers", ICE, Detroit, Michigan, pp.1-11 (Feb. 29-Mar. 4, 1988) |
| ↓ | Adrianus Jacobus Wittebrood, Jacques Hubert Olga Joseph Wijenberg, Joop Nicolaas Moolj, "Nickel-Plated Aluminum Braze Sheet" Research Disclosure, No. 439, pp.1946-1947 (November 2000) |
| ↓ | SAE Paper No. P-263 by Kent Schölin and Bo Manneskog, "Corrosion Resistant Aluminium Radiator Materials for Vacuum and Controlled Atmosphere Braze" pp.75-82, 1993 Vehicle Thermal Management Systems Conference Proceedings |
| JS | Greef, N. et al, "The Hydrogen Evolution Reaction", Instrumental Methods in Electrochemistry, pp.233-236 (1990) |

EXAMINER /Jason Savage/ DATE CONSIDERED 10/01/2006

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|--|-------------------------------|--------------------------|
| <p>FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office</p> <p>O I P E JULY 17 2003 OCT 3 1 2003 OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | ATTY. DOCKET NO. APV31638 | SERIAL NO. 10/622,122 |
| | APPLICANT WIJENBERG et al. | |
| | FILING DATE July 18, 2003 | GROUP |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|--|
| JS | Wijenberg et al., filed July 18, 2003, USSN 10/621,601 (unpublished) |
| JS | US Patent Appln. Pub. No. 2003/0155409, Dockus et al., filed November 21, 2002, Published August 12, 2003 |
| JS | US Patent Appln. Pub. No. 2003/0189082, Dockus et al., filed November 21, 2002, Published October 9, 2003 |
| JS | US Patent Appln. Pub. No. 2003/0197050, Graham et al., filed November 21, 2002, Published October 23, 2003 |

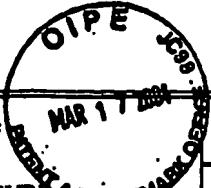
EXAMINER /Jason Savage/ DATE CONSIDERED 10/01/2006

EXAMINER: Initial if citation is considered, draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO.
APV31638

SERIAL NO.
10/622,122

APPLICANT
Jacques Hubert Olga Joseph WIJENBERG et al

FILING DATE
July 18, 2003

GROUP

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---|---|---|---|---|---|-------|----------------|-------|----------|-------------------------------|
| | 3 | 8 | 9 | 6 | 0 | 0 | 9 | | | | | |
| | 4 | 0 | 9 | 7 | 3 | 4 | 2 | 06/78 | Cooke et al | | | |
| | 4 | 1 | 2 | 6 | 5 | 2 | 2 | 11/78 | Edlund | | | |
| | 4 | 1 | 7 | 7 | 3 | 2 | 5 | 12/79 | Roberts et al | | | |
| | 4 | 3 | 8 | 8 | 1 | 5 | 9 | 06/83 | Dockus et al | | | |
| | 5 | 6 | 4 | 3 | 4 | 3 | 4 | 07/97 | Benmalek et al | | | |
| ▼ | 5 | 9 | 9 | 7 | 7 | 2 | 1 | 12/99 | Limbach et al | | | |
| JS | 6 | 1 | 6 | 5 | 6 | 3 | 0 | 12/00 | Gehlhaar et al | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|-----------------|---|---|---|---|---|---|-------|---------|-------|----------|-------------------|----|
| | | | | | | | | | | | | YES | NO |
| JS | | 6 | 5 | 5 | 1 | 3 | 4 | 12/83 | CH | | | Abstract only. | |
| JS | 9 | 7 | 4 | 3 | 4 | 6 | 7 | 11/97 | WO | | | | |
| JS | | 7 | 9 | 5 | 0 | 4 | 8 | 06/96 | EP | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

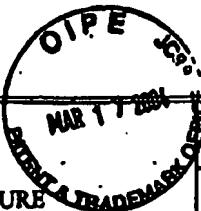
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|---|----------------|-----------------|------------|
| EXAMINER | /Jason Savage/ | DATE CONSIDERED | 10/01/2006 |
| EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO:
APV31638

SERIAL NO.
10/622,122

APPLICANT
Jacques Hubert Olga Joseph WIJENBERG et al.

FILING DATE
July 18, 2003

GROUP

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|------------------|-----------------|-------|----------------|-------|----------|---------------------------------|
| | | | | | | |
| JS | 3 6 9 2 5 8 3 | 09/72 | Muceneks et al | | | |
| | 3 8 6 2 0 1 8 | 01/75 | Mentone | | | |
| | 3 8 8 1 9 9 9 | 05/75 | Toth et al | | | |
| | 4 3 9 7 7 2 1 | 08/83 | Exalto et al | | | |
| ↓ | 4 3 4 6 1 2 8 | 08/82 | Loch | | | |
| JS | 5 2 4 6 5 6 5 | 09/93 | Mignardot | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|-----------------|-------|---------|-------|----------|---------------|----|
| | | | | | | YES | NO |
| JS | 5 4 0 1 3 4 3 0 | 01/79 | JP | | | | X |
| | 5 1 0 6 0 5 9 | 04/93 | JP | | | Abstract Only | |
| ↓ | 1 1 0 9 7 2 9 8 | 04/99 | JP | | | Abstract Only | |
| | 2 0 0 0 5 2 5 | 01/79 | GB | | | | |
| JS | 0 2 0 8 6 1 9 7 | 10/02 | WO | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| JS | US Patent Application Serial No. 10/732,448, WITTEBROOD et al., filed December 11, 2003 (unpublished) |
| JS | US Patent Application Serial No. 10/732,405, WITTEBROOD et al., filed December 11, 2003 (unpublished) |
| | |
| | |

EXAMINER /Jason Savage/ DATE CONSIDERED 10/01/2006

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.